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Amendments to the Claims:

This listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

1-4. (Canceled).

5. (New) A method for controlling a fuel metering system of an internal combustion engine, the method comprising:

providing an activation duration of at least one electrically operated injector to determine a fuel quantity to be injected;

determining a minimum activation duration during which fuel is only just injected in certain operating states, wherein the activation duration is increased or reduced starting at an initial value, and the activation duration during which a signal undergoes a change is determined as and stored as the minimum activation duration;

determining a difference between the activation duration during which a signal undergoes a change and the stored minimum activation duration, and determining, from this, and storing correction values for the fuel quantity map of the injector by using at least one transfer function which characterizes at least one of a relationship between the minimum injection duration and activation durations at several test points of the injector and a relationship between the activation durations at different test points of the injector.

6. (New) The method of claim 5, wherein the at least one transfer function is determined during an injector fuel-quantity compensation.

7. (New) The method of claim 6, wherein the at least one transfer function is stored at the injector.

8. (New) The method of claim 5, wherein the at least one transfer function is stored at the injector.

9. (New) The method of claim 5, wherein the at least one transfer function is stored in an engine control unit.

10. (New) The method of claim 6, wherein the at least one transfer function is stored in an engine control unit.

11. (New) The method of claim 7, wherein the at least one transfer function is stored in an engine control unit.

12. (New) The method of claim 8, wherein the at least one transfer function is stored in an engine control unit.